

WHAT IS CLAIMED IS:

1. An optical connector socket comprising a body having a socket-side optical device installed therein and an insertion section to which a connected optical connector plug is inserted, a cover that is covered on this body and has an opening section communicating with the insertion section, a shutter openably and closably attached to the cover for closing the opening section and an elastic member that always elastically urges this shutter in a closing direction, wherein the opening section is set to have an outside dimension greater than the outside dimension of the optical connector plug inserted to the cover and smaller than the outside dimension of the shutter.

2. The optical connector socket claimed in Claim 1, wherein a guide projection is provided at the inside of the insertion section of the body for guiding the inserted optical connector plug toward the socket-side optical device, wherein the guide projection becomes narrower toward the backside of the insertion section.

3. The optical connector socket claimed in Claim 2, wherein provided at the backside from the guide projection is a locking recess section that engages with a locking convex section provided on an outer surface of the optical connector plug.

4. The optical connector socket claimed in any one of Claims 1, 2 and 3, wherein the socket-side optical device is

composed of a light-emitting device and a light-receiving device.